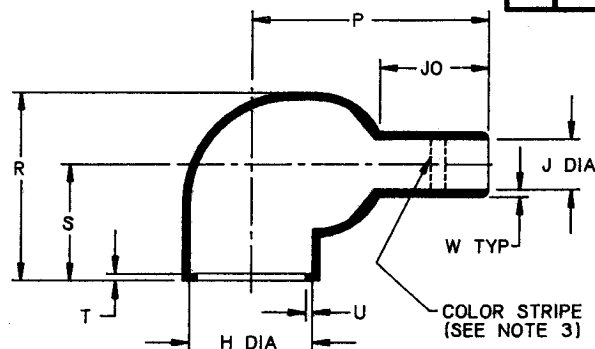


AS SUPPLIED



AFTER UNRESTRICTED RECOVERY

TABLE OF DIMENSIONS

| PART NUMBER   | H           |          | J        |          |          | P<br>±10%<br>b | R<br>REF<br>b | S<br>REF<br>b | T<br>REF<br>b | U<br>REF<br>b | JO<br>±10%<br>b | W<br>±20%<br>b |
|---------------|-------------|----------|----------|----------|----------|----------------|---------------|---------------|---------------|---------------|-----------------|----------------|
|               | -3, -4, -12 |          | -3, -4   | -12      |          |                |               |               |               |               |                 |                |
|               | MIN<br>a    | MAX<br>b | MIN<br>a | MIN<br>a | MAX<br>b |                |               |               |               |               |                 |                |
| 222D 121-X-60 | .92         | .41      | .92      | .49      | .22      | .84            | .89           | .65           | .12           | .040          | .23             | .05            |
| 222D 132-X-60 | 1.12        | .56      | 1.12     | .58      | .26      | 1.33           | 1.07          | .76           | .12           | .040          | .65             | .06            |
| 222D 142-X-60 | 1.22        | .70      | 1.22     | .63      | .28      | 1.44           | 1.22          | .83           | .12           | .040          | .50             | .07            |
| 222D 152-X-60 | 1.42        | .88      | 1.42     | .73      | .33      | 1.72           | 1.38          | .90           | .12           | .040          | .57             | .07            |
| 222D 163-X-60 | 1.68        | 1.11     | 1.68     | .87      | .39      | 2.11           | 1.73          | 1.14          | .12           | .065          | .69             | .08            |
| 222D 174-X-60 | 2.04        | 1.38     | 2.04     | 1.39     | .62      | 3.07           | 2.08          | 1.32          | .12           | .065          | 1.32            | .13            |
| 222D 185-X-60 | 2.60        | 1.75     | 2.60     | 1.80     | .80      | 3.84           | 2.60          | 1.64          | .12           | .080          | 1.58            | .15            |
| 222D 196-X-60 | 3.22        | 2.38     | 3.22     | 2.25     | 1.00     | 4.64           | 3.30          | 2.03          | .12           | .080          | 1.50            | .16            |

NOTES:

- ALL DIMENSIONS ARE IN INCHES
- DIMENSIONS APPEARING IN TABLE ARE AS FOLLOWS:  
a - AS SUPPLIED  
b - AFTER UNRESTRICTED RECOVERY
- PARTS SHALL HAVE COLOR STRIPE .12 WIDE X 360° AROUND OUTSIDE SURFACE APPROX. AS SHOWN AND MUST MEET REQUIREMENTS SET FORTH IN MS-3117 COLORS SHALL BE AS FOLLOWS:

| DASH NO. | COLOR  |
|----------|--------|
| -3       | WHITE  |
| -4       | RED    |
| -12      | YELLOW |

- COATING IS OPTIONAL FOR -3 AND -4 MATERIALS ONLY. AS SUPPLIED DIMENSIONS APPEARING IN TABLE ARE FOR UNCOATED PARTS. WHEN COATING IS ADDED, ENTRY DIAMETERS WILL BE REDUCED BY .06 MAX. PARTS WILL BE COATED WITH S-1017 ADHESIVE WHEN SPECIFIED AS: 222D1XX-X-60/42

SPECIFICATION CONTROL DRAWING (LIMITED DISTRIBUTION)

ORDERING INFORMATION:

BASE PART NUMBER 222D1XX  
 MATERIAL DASH NUMBER -X  
 MODIFICATION NUMBER -60  
 COATING SLASH NUMBER /42

-3 POLYOLEFIN, SEMI-RIGID (RT-301)  
 -4 POLYOLEFIN, FLEXIBLE (RT-1304)  
 -12 VITON (RT-1312)

|                                                                                                                                                                                                                                                                               |                 |              |                                |                                                                               |                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|--------------------------------|-------------------------------------------------------------------------------|-----------------------------------|
| THIS DRAWING AND THE INFORMATION SET FORTH HEREON ARE THE PROPERTY OF RAYCHEM CORPORATION, AND ARE TO BE HELD IN TRUST AND CONFIDENCE. PUBLICATION, DUPLICATION, DISCLOSURE, OR USE FOR ANY PURPOSE NOT EXPRESSLY AUTHORIZED IN WRITING BY RAYCHEM CORPORATION IS PROHIBITED. | DRAWN           | SEAN MCGARRY | <b>Raychem</b>                 | RAYCHEM CORPORATION<br>300 CONSTITUTION DRIVE<br>MENLO PARK, CALIFORNIA 94025 |                                   |
|                                                                                                                                                                                                                                                                               | CHECKED         | SLS          |                                |                                                                               |                                   |
|                                                                                                                                                                                                                                                                               | DESIGN APPROVED | S. MCGARRY   | TITLE                          |                                                                               |                                   |
|                                                                                                                                                                                                                                                                               | APPROVED BY     |              | BOOT, 90° WITH LIP<br>THINWALL |                                                                               |                                   |
|                                                                                                                                                                                                                                                                               | MANUFACTURING   | 11/13/86     | FSCM CODE NO.                  | DWG NO.                                                                       | 222D121-X-60<br>THRU 222D196-X-60 |
|                                                                                                                                                                                                                                                                               | QUALITY CONTROL | 11/13/86     | 06090                          | SIZE B                                                                        | DATE                              |
|                                                                                                                                                                                                                                                                               | SPECIFICATION   | 11/13/86     | SHEET 1 OF 1                   |                                                                               |                                   |
| TECHNICAL SERVICES                                                                                                                                                                                                                                                            | 11/13/86        |              |                                |                                                                               |                                   |
| PRODUCT MANAGEMENT                                                                                                                                                                                                                                                            | 11/13/86        |              |                                |                                                                               |                                   |

If this document is printed it becomes uncontrolled.  
Check for the latest revision.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[222D142-4-60-0](#)